Bees in North America

The Whirlwind Tour









20,000 Named Species Worldwide





~4,000 Species in U.S.





Diversity Highest in the Southwest











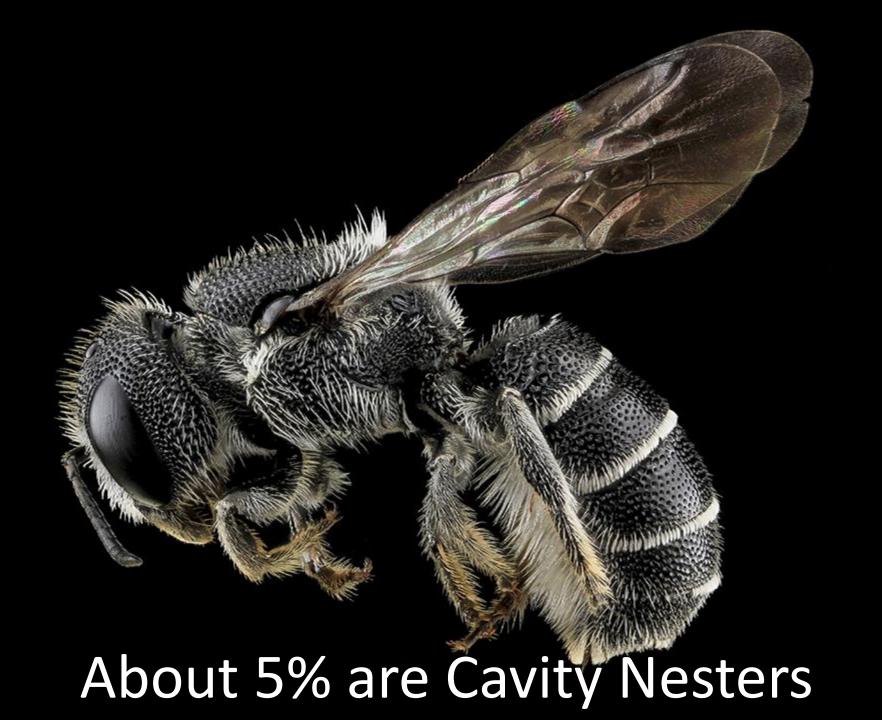
1% of Bees are Not Native



20-25% of Bees are Pollen Specialists

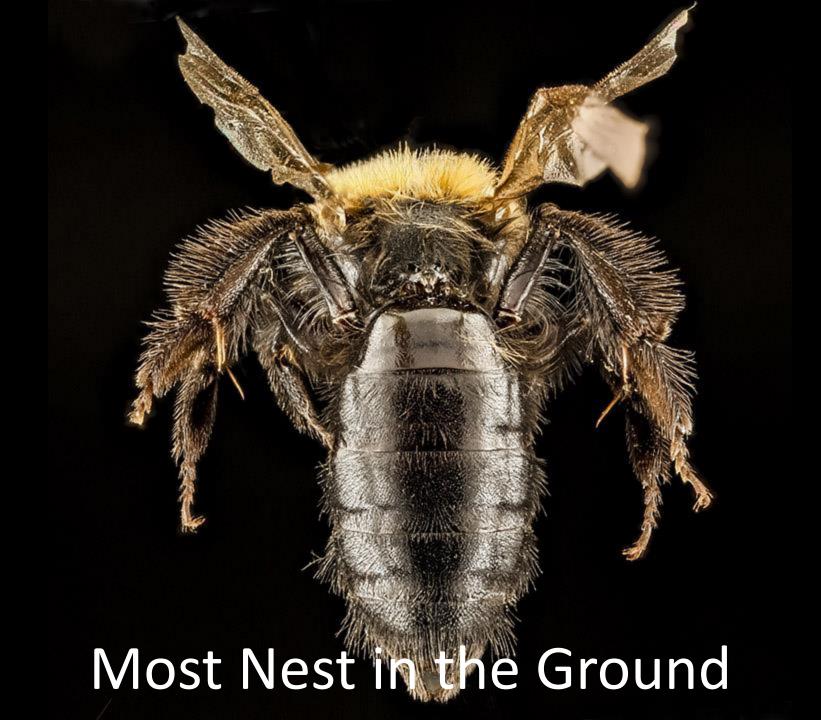


Squash and Sunflowers have Specialist Bees





Hole Nesting Species Can Be Directly Manipulated





Carries Pollen Internally







Bees Must Know the Right Song

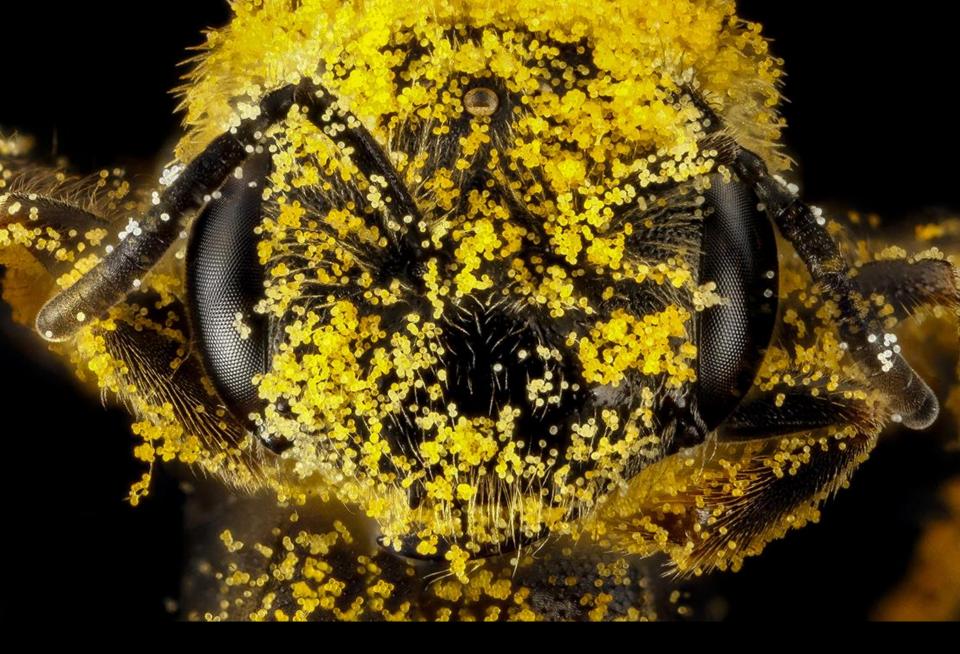




Native Bees at Times can Provide the Bulk of Crop Pollination



Bees Are Good at Finding Blooming Plants



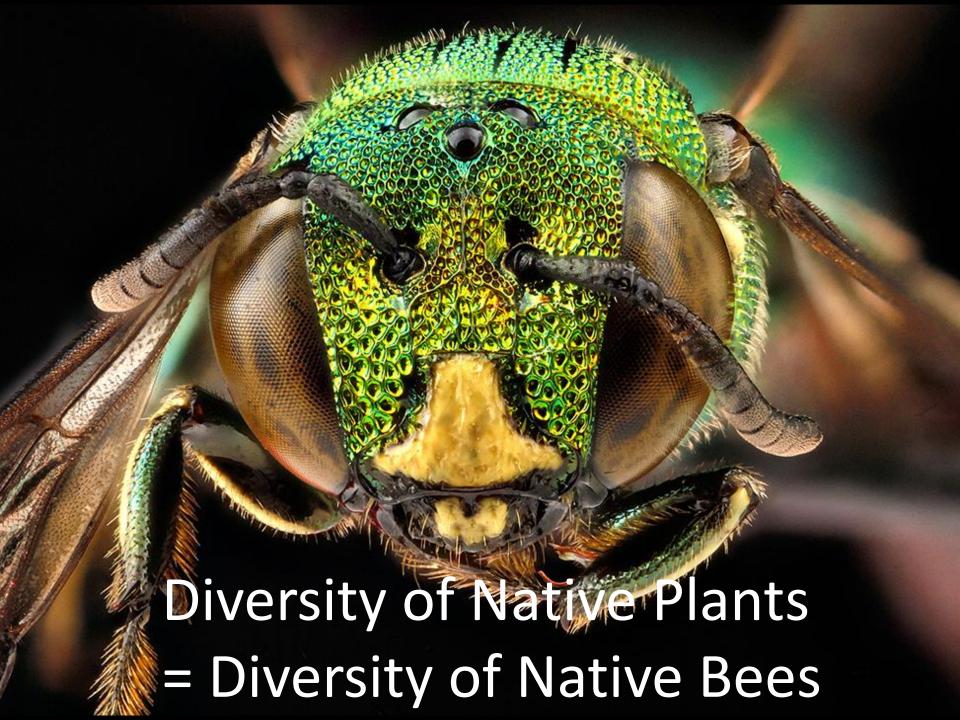
Woodland Habitats = Orchard Bees



Row Crops = Native Bee Sink



Soybean Yield Boost



Interdigitating Native Habitat With Orchard/Cropland







Native Bee Decline = Habitat Loss



Status of Most Native Bees is

Unknown

Native Bees
Retained by
Quality Native
Habitat











Loss of Bumble Bees due to Introduced European Parasites





Overplanting Trees



Herbiciding and Mowing of Roadsides/ ROW



Sand and Gravel Mine Restoration



Soft Edges



Pile of Dirt









Squash and Sunflowers have Specialist Bees